

# ISO 19139 - gmd:thesaurusName

Hi,

I got a question regarding referencing the GCMD Earth Science Keywords in ISO19139 in gmd:MD\_Keywords/gmd:thesaurusName.

How to enter it? Is it specified anywhere?

I can only find the following (at <http://gcmd.nasa.gov/learn/keywords.html>):

"How to Cite GCMD Keywords

Please use the following citation when using the GCMD keywords:

*Global Change Master Directory (GCMD). 2016. GCMD Keywords, Version 8.4. Greenbelt, MD: Global Change Data Center, Science and Exploration Directorate, Goddard Space Flight Center (GSFC) National Aeronautics and Space Administration (NASA). URL:<http://gcmd.nasa.gov/learn/keywords.htm>"*

Here are two examples I've seen. Both are lacking the citation above. The first one is what geonetwork produced out of the box when I selected GCMD Keywords in a dropdown menu.

ISO 19139 gmd:thesaurusName

```

<gmd:thesaurusName>
  <gmd:CI_Citation xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:gmi="http://www.isotc211.org/2005/gmi"
    xmlns:gsr="http://www.isotc211.org/2005/gsr"
    xmlns:gml="http://www.opengis.net/gml/3.2"
    xmlns:gmx="http://www.isotc211.org/2005/gmx"
    xmlns="http://www.isotc211.org/2005/gmi"
    xsi:schemaLocation="http://www.isotc211.org/2005/gmi
    http://www.ngdc.noaa.gov/metadata/published/xsd/schema.xsd"
    uuid="227737d0-428b-11df-9879-0800200c9a66">
    <gmd:title>
      <gco:CharacterString>NASA/GCMD Science Keywords</gco:CharacterString>
    </gmd:title>
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      <gmd:CI_Date>
        <gmd:date>
          <gco:Date>2015-03-01</gco:Date>
        </gmd:date>
        <gmd:dateType>
          <gmd:CI_DateTypeCode
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            39_Schemas/resources/codelist/ML_gmxCodeLists.xml#CI_DateTypeCode"
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    <gmd:edition>
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    </gmd:edition>
    <gmd:citedResponsibleParty
      xlink:href="http://www.ngdc.noaa.gov/docucomp/8294BEE08B11359FE040AC8C5AB4
      60D1" xlink:title="GCMD User Support Office"/>
    <gmd:citedResponsibleParty
      xlink:href="http://www.ngdc.noaa.gov/docucomp/1edb41d0-428a-11df-9879-0800
      200c9a66" xlink:title="GCMD Validids"/>
  </gmd:CI_Citation>
</gmd:thesaurusName>

```

The second is from a transformation on gcmd.nasa.gov (<http://gcmd.nasa.gov/KeywordSearch/MetadataTransformation.do?Portal=GCMD&Key wordPath=Parameters%7CSUN-EARTH+INTERACTIONS&EntryId=acronym.OSIHSSI.fileid.EO.EUM.DAT.GOES.OSIHSSI&MetadataType=0&t>

o=iso-csw&lnode=mdl1 ) The link does not work, but google cache gave me a version of the xml.

## ISO 19139 gmd:thesaurusName #2

```
<gmd:thesaurusName>
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      Keywords</gco:CharacterString>
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    <gmd:alternateTitle>
      <gco:CharacterString>Science    Keywords</gco:CharacterString>
    </gmd:alternateTitle>
    <gmd:date>
      <gmd:CI_Date>
        <gmd:date>
          <gco:Date>2008-02-05</gco:Date>
        </gmd:date>
        <gmd:dateType>
          <gmd:CI_DateTypeCode
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#CI_DateTypeCode"

            codeListValue="revision">revision</gmd:CI_DateTypeCode>
          </gmd:dateType>
        </gmd:CI_Date>
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        <gco:CharacterString>Olsen,    L.M.,    G.    Major,    K.    Shein,    J.
        Scialdone,    R.    Vogel,    S.    Leicester,    H.    Weir,    S.    Ritz,    T.
        Stevens,    M.    Meaux,    C.Solomon,    R.    Bilodeau,    M.    Holland,    T.
        Northcutt,    R.    A.    Restrepo,    2007    .    NASA/Global    Change
        Master    Directory    (GCMD)    Earth    Science    Keywords.    Version
        6.0.0.0.0</gco:CharacterString>
      </gmd:collectiveTitle>
    </gmd:CI_Citation>
  </gmd:thesaurusName>
```

Thanks,

Aleksander Vines